

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0027] with the following paragraph:

[0027] Code_file 103 and model_file 101 can be stored in a storage medium 210 that is accessible by the processor 206 executing the code verification module 102. Storage medium 210 can be any device capable of retaining a copy of a computer file for future retrieval, such as a floppy disk drive, an optical drive, a hard drive, a flash memory module and the like. Typically, storage medium 210 is located near processor 206, however, storage medium 210 can be located remotely from processor 206 and accessed via a computer network. Additional files that may be needed or produced by the present invention can also be stored in storage medium 210. These files include verification database ~~242~~ 112 and the output file 108. The verification database ~~242~~ 112 can be one or more databases containing information needed by the verification module 102 such as the format of the expected code for each possible block in a model. The output file 108 contains the results of the verification of the generated code that can be displayed on display ~~202~~ 204 or any device capable of storing or displaying an output, such as a computer monitor, printer or storage device.

Please replace paragraph [0034] with the following paragraph:

[0034] Next, in step 410, the code listing in the c-code file is reviewed. First, the header information (or initial information in the code) of the computer code file is reviewed. In one embodiment, the header information is stored in header section 330, as seen in FIG. 3b. The header information may include such information as a proprietary notice (such as ""Company X Proprietary and Confidential""), the date and time the code was generated, etc. The header information is typically contained within comment lines of the code and may not be executable lines. For review purposes, the expected header information is compared to the actual header lines of code 322 to see if the information matches. The expected header information can be stored in the verification database ~~242~~ 112. For example, if the expected header information is a copyright notice such as "Copyright (c) 1996-2004 X International, Inc." that information can be stored as the expected header information. Then, when the lines of code 322 are being reviewed, the lines of code 322 are compared to the expected header information to see if there is a match.